TNRCC

Application and Instructions for Use Determination for Pollution Control Property and Predetermined Equipment List

Guidelines for Implementing House Bill 1920 and November 1993 Constitutional Amendment Proposition 2

Application Information also Listed in RG-102, *Use Determination for Pollution Control Property*.

printed on recycled paper

TNRCC-0611
Revised October 1996

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Published and distributed
by the
Texas Natural Resource Conservation Commission
Post Office Box 13087
Austin, Texas 78711-3087

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
APPLICATION FOR USE DETERMINATION
FOR POLLUTION CONTROL PROPERTY
(TNRCC-0611)

The Texas Natural Resource Conservation Commission (TNRCC) has the responsibility to determine whether a property is a pollution control property. A person or political subdivision seeking a use determination for pollution control property must complete the attached application or use a copy or similar reproduction. For assistance in completing this form refer to the TNRCC guidance document, *RG-102: Use Determination for Pollution Control Property*, as well as 30 TAC §277, rules governing this program. For additional assistance please contact the TNRCC Proposition 2 Section at (512) 239-6348. The application should be completed and mailed, with the appropriate fee, to: TNRCC "Use Determination" MC-214, Texas Natural Resource Conservation Commission, P.O. Box 13088, Austin, Texas 78711-3088

1. GENERAL INFORMATION

A. What is the type of ownership of this facility:

☐ Corporation ☐ Sole Proprietor
☐ Partnership ☐ Utility
☐ Limited Partnership ☐ Other _____

B. Size of company:

Number of Employees
☐ 1 to 99
☐ 100 to 499
☐ 500 to 999
☐ 1,000 to 1,999
☐ 2,000 or more

C. Business Description: (Provide a brief description of the nature of the business or activity at this facility)

2. TYPE OF APPLICATION

A. ☐ **Tier I** $50 Application Fee.
If all property listed in Section 8 of this application is on the predetermined equipment list (PEL) or is necessary for the installation or operation of equipment on the list, then check this box.

B. ☐ **Tier II** $1,000 Application Fee.
If any property listed in Section 8 is not on the PEL, and all of this property is used 100% for pollution control, then check this box.

C. ☐ **Tier III** $2,500 Application Fee.
If any property listed in Section 8 is not on the PEL and if a partial use determination is being requested for ANY of the property included in the application, then check this box.
Note: Enclose a check or money order to the TNRCC along with the application to cover the required fee.

3. NAME OF APPLICANT

A. Company Name: _____
B. Mailing Address (Street or P.O. Box): _____
C. City, State, ZIP: _____

4. PHYSICAL LOCATION OF PROPERTY REQUESTING A TAX EXEMPTION

A. Name of Facility or Unit: _____
B. Type of Mfg. Process or Service: _____
C. Street Address: _____
D. City, State, ZIP: _____
E. County: _____
F. Tracking Number Assigned by Applicant (Optional): _____

5. NAME OF APPRAISAL DISTRICT WITH TAXING AUTHORITY OVER PROPERTY

A. Name of Chief Appraiser: _____

B. Name of Appraisal District: _____

C. Mailing Address: _____

D. City, State, ZIP: _____

6. CONTACT NAME (must be provided)

A. Name of Individual to Contact: _____

B. Mailing Address: _____

C. City, State, ZIP: _____

D. Telephone number and fax number: _____

7. RELEVANT RULE, REGULATION, OR STATUTORY PROVISION

Select medium(a) for the property for which you are making an application for a use determination. Cite the specific section of the rule, regulation, or law being met or exceeded by the installation of that property. Do not list permit numbers or registration numbers in this table. If the property or equipment was installed or constructed in response to an agreed order, do not list the order — list the rule, regulation, or law that requires the installation or construction of the property.

MEDIUM	RULE/REGULATION/LAW
Air	
Water	
Waste	

8(a). DESCRIPTION OF PROPERTY (Complete for all applications)

Please provide a description and purpose of the property for which this application is being filed. This description must include the anticipated environmental benefits for the prevention, monitoring, control, or reduction of air, water, or land pollution that will be realized by the installation of the property. Include sketches of the equipment and flow diagrams of the processes where appropriate.

Land: If a use determination is being requested for land, provide a legal description and an accurate drawing of the property in question.

Used Equipment: If the property identified above has been purchased from another owner who previously used the property as pollution control property, attach a copy of the bill of sale or provide other information that demonstrates that the transaction involves a bona fide change of ownership of the property. Also provide information that shows that the property was not taxable on or before January 1, 1994, by any taxing unit in which the property is now located.

8(b). PARTIAL DETERMINATIONS (Complete only for Tier III applications)

Explain how the partial percentage of the property that is considered to be pollution control property is determined. Include the technical rationale, financial data, cost analysis, or other calculations that are used to determine the qualifying percentage used to calculate the adjusted cost in Table 9 below. (Prepare this information on a separate sheet or sheets to be attached to the application.)

9. PROPERTY CATEGORIES AND COSTS

Identify the category and the estimated purchase cost of the property listed in Section 8. List each piece of property for which a use determination is being sought. If the application is for property that is listed on the predetermined equipment list, list the appropriate item number(s) in the PEL column. Place an "N" in the third column to certify that the property was not taxable on or before January 1, 1994. List the estimated or actual purchase cost of the property. If the property is not wholly used for the purpose of pollution control, list the estimated percentage of pollution control.

Property	PEL Number	Was This Property Taxable on or before 1/01/94?	Estimated Purchase Cost	Partial Percentage	Adjusted Cost
Land					
Property:					
Totals					

10. APPLICATION DEFICIENCIES

After an initial review of the application, the TNRCC may determine that the information provided with the application is not sufficient to make a use determination. The TNRCC may send a notice of deficiency, requesting additional information that must be provided within 30 days of the written notice.

11. FORMAL REQUEST FOR SIGNATURE

By signing this application, you certify that this information is true to the best of your knowledge and belief.

NAME:_____ DATE:_____

TITLE:_____

Under Texas Penal Code, Section 37.10, if you make a false statement on this application, you could receive a jail term of up to one year and a fine up to $2,000, or a prison term of two to 10 years and a fine of up to $5,000.

INSTRUCTIONS FOR COMPLETING APPLICATION FORM

The following instructions are intended to provide assistance in completing the Texas Natural Resource Conservation Commission's (TNRCC) *Application for Use Determination for Pollution Control Property.*

GENERAL INFORMATION

If you have questions or require additional clarification or assistance please contact the Proposition 2 Use Determination Program at (512) 239-6348 or by electronic mail at: prop2@tnrcc.state.tx.us

The TNRCC may request additional information by mailing a deficiency letter. This additional information must be provided within 30 days of receipt of the written request or the application will be returned to the applicant.

Applications not accompanied with the proper fee payment will be mailed a deficiency letter. Review of the application will not begin until the proper fee is received.

The predetermined equipment list is located in Appendix A of the guidelines manual. The most current version of this list may be obtained by contacting the TNRCC Proposition 2 Use Determination Program at the phone number or address listed below or by accessing the TNRCC Web page. The URL is: http://www.tnrcc.state.tx.us/exec/chiefeng/proppub.html

Obtaining Copies of the Application

A copy of the official application form is located in Appendix B of the guidelines manual. It is also available on the TNRCC Web page. The URL is: http:/www.tnrcc.state.tx.us/exec/chiefeng/proppub.html

Mailing Information

Applications — Mail completed applications to: TNRCC - Chief Engineer MC-214, Proposition 2 Use Determination Program, P.O. Box 13088, Austin, Texas, 78711-3088.

Applications may be sent by electronic mail to: prop2@tnrcc.state.tx.us
A hard copy of the last page of the application, containing an original signature, and the proper fee payment must be mailed to the above address.

All other written correspondence should be sent to: TNRCC - Chief Engineer MC-110, Attention: Proposition 2 Use Determination Program, P.O. Box 13087, Austin, Texas, 78711-3087 or faxed to (512) 239-3939.

APPLICATION INSTRUCTIONS

1. Information about Your Company

This section is used to provide general information about your company. The TNRCC does not use this information as part of the use determination review process. This information will be used by the TNRCC to compile a statistical analysis of all use determinations processed by the agency.

Select the type of ownership of the facility by placing an "X" in the appropriate space. If "Other" is selected, use the space provided to explain.

Complete the "Company Size" section by selecting the appropriate spaces for the number of employees.

Complete the "Business Description" section by providing a brief description of the nature of the business or activity that occurs at this facility.

2. Type of Application

Place an X on the proper line to identify the type of application being filed (Tier I, Tier II, Tier III). If a project includes the installation of both PEL-listed and non-PEL-listed equipment, the PEL-listed equipment may be listed on the Tier II or Tier III application along with the nonlisted equipment. It is not necessary to file two applications.

The types of applications for pollution control property are:

Tier I	This is for property that is on the PEL and for which the application seeks no variance from that determination. Tier I requires a payment of $50. A Tier I application may only include items that are on the PEL.
Tier II	This is for property that is not on the PEL but is still considered to be 100% pollution control. Tier II requires a payment of $1,000.
Tier III	This is for property that is partially used for pollution control and that is not on the PEL. Tier III requires a payment of $2,500.

3. Name of Applicant/Owner

Provide the name, mailing address, and telephone number of the owner of the facility for which this application is being filed.

4. Facility Name

Provide the name of the facility, the type of facility, and the physical address of the facility. The facility address should be the address used by the local appraisal district to identify this facility. Provide the name of the county in which the facility is located. If the facility is located in more than one county, provide the name of the county in which the proposed pollution control property is located. If appropriate, provide a unique tracking number for this application. This number will be referenced in all correspondence sent by the TNRCC.

5. Name of Appraisal District with Taxing Authority over Property

Provide the name of the chief appraiser(s), the name of the tax appraisal district(s) in which the property is located, and the and mailing address of the appraisal district(s). This information is required and will be used by the TNRCC to notify the appropriate appraisal district(s) that an application for use determination has been filed.

6. Contact Name

Provide the name, mailing address, telephone number, and fax number of the person whom the TNRCC is to contact in case of questions relating to this use determination application. All correspondence relating to this application will be directed to this person.

7. Relevant Rule, Regulation, or Statutory Provision

For each of the pollution control properties listed on this application, select the type of medium or media (air, water, waste) for which this property or device is required. Use the second column to cite the specific environmental rule, regulation, and/or law that is being met or exceeded by the installation of this property. The citation should be specific and should include the section and/or subsection of the rule, regulation, and/or law.

In order to receive a positive use determination, the application must list a rule, regulation, or statutory provision that has been adopted by an environmental protection agency of the United States, the state of Texas, or a political subdivision. Regulations adopted by health and safety agencies do not meet this criterion.

8(a). Description of Property

Provide a brief description of the pollution control property for which this application is being filed. This description must include the anticipated environmental benefits for the prevention, monitoring, control, or reduction of pollution that will be realized by the installation of the property. If necessary, please attach sketches and/or flow diagrams to assist agency staff with the review process.

Land: If a use determination is being requested for land, provide a legal description and an accurate plot plan of the land in question.

Used Property: If the property listed in this application has been purchased from another owner who previously used the property as pollution control property, attach a copy of the bill of sale or provide other information that demonstrates that the transaction involves a bona fide change of ownership of the property. Provide information that shows that the property was not taxable on or before January 1, 1994, by any taxing unit in which the property is now located.

8(b). Partial Use Determination

This section is to be completed only for Tier III applications.

Process changes or construction of new process equipment that results in emission reductions will usually result in a partial determination. The reason for this is that there is almost always some improvement or benefit to the process other than pollution control.

On one or more separate sheets of paper, explain how the partial percentage was determined. Include technical data, financial data, and other information that demonstrates how this percentage was calculated. Provide as detailed information as possible, since the information provided will be used by the TNRCC to evaluate the use percentage requested in the application. If more than one alternative for determining the partial percentage was considered please list all methods. Attach sketches and/or flow diagrams showing the property and its function. Examples of the methodology used to calculate partial determinations are shown in Appendix G of the technical guidance manual.

9. Property Categories and Costs

The first column of this table is for categorizing the type of property. There are two category types, *Land* and *Property.* The classes of property are *Structure, Building, Installation, Excavation, Machinery, Equipment,* and *Device.* In the property section, list the property or equipment that was described in section 8 of this application.

The second column is used for property that meets both of the following criteria: the property is listed on the predetermined equipment list (PEL), and a Tier I application is being filed. Place the appropriate PEL item numbers in this column.

The third column is used to certify that the property listed in the first column was not taxable on or before January 1, 1994. Place an "N" in this column to show that the property was not purchased, constructed, or installed on or before January 1, 1994.

The fourth column is used to record the estimated or actual purchase cost of the property listed in the first column.

The fifth column is used to list the partial use determination percentage. For property that is not used wholly for pollution control, enter the estimated pollution control percentage calculated above in section 8 or the percentage listed on the PEL.

10. Application Deficiencies (provided for informational purposes only)

11. Formal Request for Signature

To be considered complete, the application must be signed and dated. The application should be signed by either the applicant/owner or by their designated representative. By signing this application, you certify that the information provided is true to the best of your knowledge and belief.

PREDETERMINED EQUIPMENT LIST

Items that qualify as "motor vehicles"; items that are not generally taxable within the appraisal district; and items that provide primary containment of fluids (fluids that are not wastes) in vessels, containers or tanks for the sole purpose of storage (except specific pollution control equipment associated with the primary containment vessel) are not eligible for tax exemptions. In addition, commercial waste management facilities are not eligible for a tax exemption for commercial property/equipment used to provide a service that prevents, monitors, controls, or reduces air, water, or land pollution.

A list of equipment used primarily by small business follows the general predetermined list. Small business owners are encouraged to consult this list first. Small business owners are **NOT** limited to only the equipment included on this list. If a specific piece of equipment is not referenced on the small business list, you may want to consult the general list. It is possible that the specific equipment for which you are seeking a determination is included on the general list. In addition, large businesses are not prohibited from using the small business predetermined equipment list.

AIR POLLUTION CONTROL EQUIPMENT

No.	Media	Equipment	Description	Percent
A-1	Air	Activated Carbon Systems	Carbon beds or liquid-jacketed systems, blowers, piping, condensers — used to remove VOCs or odors from gas streams	100%
A-2	Air	Baghouses (not used for product collection)	Baghouses, filters, blowers, piping — used to remove particulate matter from air/gas streams	100%
A-3	Air	Demisters	Demister pads — used to remove entrained liquid droplets from gas streams	100%
A-4	Air	Flare/Vapor Combustor	Stack, burner, flare tip, blowers, etc. — used to destroy air contaminants in a vent gas stream	100%
A-5	Air	Molecular Sieve	Used to remove H_2S	100%
A-6	Air	Fugitive Emission Monitors	Organic vapor analyzers — used to discover leaking piping components	100%
A-7	Air	Paint Spray Booth Attached to Final Control Device	Booth, piping, etc. — used to contain and control overspray	100%
A-8	Air	Electrostatic Precipitator	Used to control particulate matter	100%
A-9	Air	Scrubbers (not used for product collection)	Scrubber, circulation pumps, piping, etc. — used to remove contaminants from gas stream	100%
A-10	Air	Cyclone (not used for product collection)	Cyclone, blowers, piping, etc. — used to remove particulate matter from gas streams	100%

No.	Media	Equipment	Description	Percent
A-11	Air	Vapor Recovery Equipment	Piping, blowers, compressors, etc. — used to reroute vapor streams back to process lines	50%
A-12	Air	Thermal Oxidizers	Used to destroy VOCs	100%
A-13	Air	Storage Tank Secondary Seals and Internal Floating Roofs (with or without clear-span roofs)	Used to reduce evaporation losses from storage tanks	100%
A-14	Air	Selective Catalytic and Noncatalytic Reduction Systems	Catalyst bed, reducing agent injection and storage, monitors — used to reduce NO_x formation from engines/boilers	100%
A-15	Air	Catalytic Converters for Stationary Sources	Used to reduce NO_x formation from engines	100%
A-16	Air	Vacuum System Venting to Final Control Device for VOCs	Vacuum pump, blower, piping, etc. — used to eliminate emissions associated with loading tank trucks, rail cars, and barges	100%
A-17	Air	Strippers Used in Conjunction with Final Control Device	Stripper, pumps, piping — used to remove contaminants from a gas or liquid stream	100%
A-18	Air	Water/Chemical Sprays and Enclosures for Particulate Suppression	Spray nozzles, conveyor and chute covers, windshields, piping, pumps, etc. — used to reduce particulate emissions	100%
A-19	Air	Hoods and Collection Systems for Final Control Devices	Piping, headers, pumps, hoods, ducts, etc. — used to collect air contaminants and route them to a control device	100%
A-20	Air	Air/Fuel Ratio Controllers for Internal Combustion Engines	Used to improve engine efficiency and reduce NO_x formation	100%
A-21	Air	Flue Gas Recirculation	Piping, blowers, etc. — used to reduce NO_x formation	100%
A-22	Air	Water/Steam Injection for Turbines	Piping, nozzles, pumps, etc. — used to reduce NO_x formation	100%
A-23	Air	Continuous Emission Monitors	Specific for NO_x, CO, SO_2, opacity, THCs, and VOCs, respectively	100%
A-24	Air	Monitoring Equipment on Final Control Devices	Temperature monitor or controller, flowmeter, pH meter, etc.	100%
A-25	Air	Catalytic Oxidizer	Used to destroy VOCs in gas streams	100%
A-26	Air	Overfire Air Systems	Advanced overfire air for NO_x	100%

No.	Media	Equipment	Description	Percent
A-27	Air	Stage II Vapor Recovery	Piping to final control device, hoses, nozzles, pumps, distribution unit, processing unit, etc. — used to control gasoline emissions from filling tanks	50%
A-28	Air	Ambient Air Monitoring Facilities	Towers, structures, analytical equipment, sample collectors, monitors, power supplies, etc.	100%
A-29	Air	Noncontinuous Emission Monitors	Monitors, analyzers, buildings, air conditioning equipment, etc.	100%
A-30	Air	Automotive Dynamometers	Automotive dynamometers used for in-house fleet maintenance	50%
A-31	Air	Noncontinuous Emission Monitors, Portable	Monitors, analyzers, structures, trailers, air conditioning equipment, etc.	100%
A-32	Air	Sorbent Injection Systems	Multiple-pollutant, SO_x, or NO_x	100%
A-33	Air	Predictive Emission Monitors	Monitoring of process and operational parameters that are used to calculate or determine compliance with emission limitations.	100%
A-34	Air	Burners Out of Service	Staging of burner firing by not firing specific burners within a combustion unit for the purpose of eliminating hot spots to reduce NO_x emissions.	100%
A-35	Air	Replacement of existing pumps, valves, or seals in piping service	Replacement of these parts for the sole purpose of eliminating fugitive emissions of volatile organic compounds. New systems do not qualify for this item.	100%
A-36	Air	Welding of pipe joints in VOC service	Welding of piping joints rather than using threaded or flanged fittings to eliminate fugitive emission leaks.	100%
A-37	Air	Lean-Burn Engine	Gas-fired compressor engines that utilize lean-burn technology	20%
A-38	Air	CFC Replacement Projects. Property includes all necessary equipment needed to replace the CFC and achieve the same level of cooling capacity.	Projects to replace one CFC with an alternative CFC or other refrigerant where there is no increase in the cooling capacity or the efficiency of the unit.	100%
A-39	Air	Low-NO_x Burners	Replacement of existing incinerator, furnace or boiler burners with low-NO_x burners for pollution control purposes (does not include electrical power generation burners).	100%

WASTEWATER POLLUTION CONTROL EQUIPMENT

No.	Media	Equipment	Description	Percent
Solid Separation and Dewatering				
W-1	Wastewater	API Separator	Mechanical oil, water, and solids separator	100%
W-2	Wastewater	CPI Separator	Mechanical oil, water, and solids separator	100%
W-3	Wastewater	Dissolved Air Flotation	Mechanical oil, water, and solids separator	100%
W-4	Wastewater	Skimmer	Hydrocarbon	100%
W-5	Wastewater	Decanter	Used to decant hydrocarbon from process wastewater	100%
W-6	Wastewater	Belt Press, Filter Press, Plate and Frame, etc.	Mechanical dewatering devices	100%
W-7	Wastewater	Centrifuge	Mechanical dewatering device	100%
W-8	Wastewater	Settling Basin	Used to settle solids	100%
W-9	Wastewater	Equalization	Used to settle solids and equilibrate process wastewater streams	100%
W-10	Wastewater	Clarifier	Used to settle solids	100%
Disinfection				
W-20	Wastewater	Chlorination	Wastewater disinfection treatment	100%
W-21	Wastewater	Dechlorination	Chlorine removal equipment	100%
W-22	Wastewater	Electrolytic Disinfection	Disinfect water without use of chemicals	100%
W-23	Wastewater	Ozonization	Wastewater disinfection treatment	100%
W-24	Wastewater	Ultraviolet	Wastewater disinfection treatment	100%
W25	Wastewater	Mixed Oxidant Solution	Solution of chlorine, chlorine dioxide, and ozone to replace chlorine for disinfection	100%
Biological Systems				
W-30	Wastewater	Activated Sludge	Biological treatment used to remove pollutants	100%
W-31	Wastewater	Adsorption	Used in conjunction with biological treatment to remove pollutants	100%
W-32	Wastewater	Aeration	Aeration equipment used in activated sludge treatment	100%
W-33	Wastewater	Rotary Biological Contractor	Biological treatment used to remove pollutants	100%
W-35	Wastewater	Trickling Filter	Biological treatment used to remove pollutants	100%

No.	Media	Equipment	Description	Percent
W-36	Wastewater	Wetlands and Lagoons (artificial)	Biological treatment used to remove pollutants	100%
W-37	Wastewater	Digester	Biological treatment used in conjunction to solids management and removal of pollutants	100%
Other Equipment				
W-50	Wastewater	Irrigation	Equipment used to irrigate and disburse treated wastewater	100%
W-51	Wastewater	Outfall Diffuser	Device used to diffuse effluent discharge from an outfall	100%
W-52	Wastewater	Activated Carbon Treatment (ACT) and Powdered ACT	Treatment used to remove pollutants and polish effluent	100%
W-53	Wastewater	Oxidation Ditches and Ponds	Technology used to remove pollutants and polish effluent	100%
W-54	Wastewater	Filters: Sand, Gravel, Microbial	Treatment used to remove pollutants and polish effluent	100%
W-55	Wastewater	Chemical Precipitation	Process used to remove heavy metals from wastewater	100%
W-56	Wastewater	Ultrafiltration	Mechanical device used to remove solids	100%
W-57	Wastewater	Conveyances, Pumps, Sumps, Tanks, Basins	Used to segregate stormwater from process water, control stormwater runoff, or convey contaminated process water	100%
W-58	Wastewater	Water Conservation Systems	Installed systems that clean, recycle, or reuse wastewater in order to reduce the amount of a facility's discharge or the amount of new water used as process or make-up water	100%
W-59	Wastewater	Wastewater Treatment Facility/Plant	New wastewater treatment facilities constructed to process wastewater generated on-site	100%
W-60	Wastewater	High-Pressure Reverse Osmosis	The passing of a contaminated water stream over a permeable membrane at high pressure to collect contaminants	100%
W-61	Wastewater	Hydrocyclone Vapor Extraction	An air-sparged hydrocyclone for the removal of VOCs from a wastewater stream	100%
W-62	Wastewater	Recycled Water Cleaning System	A high-pressure water system for cleaning equipment and pavement that is able to collect and recycle the cleaning water	100%
W-63	Wastewater	Chemical Oxidation	Use of hydrogen peroxide or other oxidants for wastewater treatment	100%

No.	Media	Equipment	Description	Percent
W-64	Wastewater	Cooling Towers	Cooling towers installed in order to eliminate the once-through use of water and thereby reduce or eliminate a discharge	100%
Control/Monitoring Equipment				
W-70	Wastewater	pH Meter, Dissolved Oxygen Meter, Chart Recorder, etc.	Used for operations control and monthly reporting requirements	100%
W-71	Wastewater	On-line Analyzer	Used for operations control	100%
W-72	Wastewater	Neutralization	Control equipment used to adjust pH	100%
W-73	Wastewater	Respirometer	Monitor microbial respiration rates	100%
W-74	Wastewater	Diversion	Structures used for control of stormwater and process wastewater or emergency diversion of process material	100%
W-76	Wastewater	Building	Used for housing control and monitoring equipment	100%
W-77	Wastewater	Defoaming Systems	Systems consisting of nozzles, pilings, spray heads, and piping used to reduce surface foam	100%
W-78	Wastewater	Bottom Ash Piping	Replacement of corroded bottom ash piping in order to prevent unauthorized discharges	50%

SOLID WASTE MANAGEMENT POLLUTION CONTROL EQUIPMENT

No.	Media	Equipment	Description	Percent
Solid Waste Management				
S-1	Land/ Water	Stationary Mixing and Sizing Equipment	Immobile equipment used for solidification, stabilization, grinding, etc.	100%
S-2	Land/ Water	Decontamination Equipment	Equipment used to remove waste contamination or residues from mobile sources	100%
S-3	Land/ Water	Solid Waste Incinerator (not used for energy recovery and export or material recovery)	Solid waste incinerators, feed systems, ash handling systems, controls, etc.	100%
S-4	Land/ Water/ Air	Monitoring and Control Equipment	Alarms, indicators, controllers, etc., for high liquid level, pH, temperature, flow, etc. (Does not include fire alarms)	100%
S-5	Land/ Water	Solid Waste Treatment Vessels (not used for product recovery)	Any vessel used for waste treatment	100%

No.	Media	Equipment	Description	Percent
S-6	Land/ Water	Secondary Containment	External structure or liner used to collect liquids released from a primary containment device and/or ancillary equipment	100%
S-7	Land/ Water	Liners	A continuous layer or layers of natural and/or man-made materials that restrict downward or lateral escape of wastes or leachate in an impoundment, landfill, etc.	100%
S-8	Land/ Water	Leachate Collection and Removal Systems	A system capable of collecting leachate or liquids, including suspended solids, generated from percolation through or drainage from a waste. Systems for removal of leachate may include sumps, pumps, piping, etc.	100%
S-9	Land/ Water	Leak Detection Systems	A system capable of detecting the failure of a primary or secondary containment structure or the presence of a liquid or waste in a containment structure	100%
S-10	Land/ Water	Final Cover Systems for Landfills	A system of liners and materials to provide drainage, erosion prevention, infiltration minimization, gas venting, biotic barrier, etc.	100%
S-11	Land/ Water	Lysimeters	An unsaturated zone monitoring device used to monitor soil-pore liquid quality at a waste management unit (e.g., below the treatment zone of a land treatment unit, etc.)	100%
S-12	Water	Groundwater Monitoring Well and Systems	A groundwater well or system of wells designed to monitor the quality of groundwater at a waste management unit (e.g., detection monitoring systems, compliance monitoring systems)	100%
S-13	Air	Continuous/Noncontinuous Emission Monitors	Carbon monoxide monitor, oxygen monitor, total hydrocarbon monitors,etc.	100%
S-14	Air	Fugitive Emission Monitors	A monitoring device used to monitor or detect fugitive emissions from a waste management unit or ancillary equipment	100%
S-15	Land/ Water	Slurry Walls/Barrier Walls	A pollution control method using a barrier to minimize lateral migration of pollutants in soils and ground water	100%
S-16	Water	Groundwater Recovery or Remediation System	A groundwater remediation system used to remove or treat pollutants in contaminated groundwater or to contain pollutants (e.g., pump-and-treat systems, etc.)	100%

No.	Media	Equipment	Description	Percent
S-17	Water	Injection Wells (Including Saltwater Disposal Wells) and Ancillary Equipment	Injection well, pumps, collection tanks and piping, pretreatment equipment, monitoring equipment, etc.	100%
S-18	Land/ Water	Noncommercial Landfills and Ancillary Equipment	Excavation, clay and synthetic liners, leak detection systems, leachate collection and treatment equipment, monitor wells, waste hauling equipment, decontamination facilities, security systems, and equipment used to manage the disposal of waste in the landfill	100%
S-19	Land/ Water	RCRA Containment Buildings	Pads, structures, solid waste treatment equipment used to meet the land disposal restrictions	100%
S-20	Land/ Water	Surface Impoundments and Ancillary Equipment (Including Brine Storage Ponds)	Excavation, ponds, clay and synthetic liners, leak detection systems, leachate collection and treatment equipment, monitor wells, pumps, etc.	100%
S-21	Land/ Water	Waste Storage Used to Collect and/or Store Waste Prior to Treatment or Disposal (e.g., RCRA Storage Tanks, 90-Day Storage Facilities, Feed Tanks to Treatment Facilities, etc.)	Tanks, containers and ancillary equipment such as pumps, piping, secondary containment, vent controls, etc.	100%
S-22	Air	Fugitive Emission Containment Structures	Structures or equipment used to contain or reduce fugitive emissions or releases from waste management activities (e.g., coverings for conveyors, chutes, enclosed areas for processing equipment, enclosed areas for loading and unloading activities, etc.)	100%

MISCELLANEOUS POLLUTION CONTROL EQUIPMENT

No.	Media	Equipment	Description	Percent
M-1	Air/ Land/ Water	Spill Response/Cleanup Equipment Pre-positioned and Stored for Addressing Future Emergencies	Boats, barges, booms, skimmers, trawls, pumps, power units, packaging materials and containers, safety equipment, vacuum trailers, storage sheds, diversion basins, tankage, dispersants, etc.	100%
M-2	Air/Land	HEPA Vacuum Equipment, Negative Air Pressure Enclosures, Glove Bags, Personal Protection, Disposal	RCF/Asbestos abatement — required removal of asbestos contaminated material	100%

No.	Media	Equipment	Description	Percent
M-3	Air/ Land/ Water	Vacuum Trucks, Street Sweepers and Watering Trucks	Mobile Surface Cleaning Equipment — used exclusively to control particulate matter on plant roads	100%
M-4	Land	Compactors, Barrel Crushers, Balers, Shredders	Compactors and similar equipment used to change the physical format of waste material for recycling/reuse purposes or on-site disposal of facility-generated waste	100%
M-5	Land/ Air/ Water	Distillation Recycling Systems	Used to remove hazardous content from solvents and paints by heat, vaporization, and condensation	100%
M-6	Land/ Water	Boxes, Bins, Carts, Barrels, Storage Bunkers	Collection/storage containers for source-separation of materials to be recycled	100%
M-7	Water	Potable Water Systems	Tanks, pumps, and associated equipment necessary to provide potable water	100%
M-8	Air/ Land/ Water	Environmental Paving	Paving of parking lots, roadways, or plant areas as required by rule, regulation or law	100%

SMALL-BUSINESS EQUIPMENT LIST

No.	Media	Equipment	Description	Percent
B-1	Air	Thermal and Catalytic Oxidizers	Vapor control device used to lower emissions from a stack	100%
B-2	Air	Vapor Combustor	A vapor combustion device to lower emissions from a stack	100%
B-3	Air	CFC Reclaim/Recycle Equipment	Refrigeration and AC repair services	60%
B-4	Air	Filters	Any filter installed in a series or as a stand alone abatement system that is not used for product collection, e.g., drum, disc, bio, screen, spin	100%
B-5	Air	Flue Gas or Exhaust Recirculation Systems	A circulation system that reburns exhaust flows	100%
B-6	Air	Hoods, Collection, and Control Systems	Vent and hood filtration system	100%
B-7	Air	Carbon Absorber	Preventive abatement equipment absorbs VOCs, Freon and emission streams by using carbons atoms to combine with organic chemicals	100%
B-8	Air	PM Control Equipment	See *Air Equipment*	100%
B-9	Air	Paint Spray Booth Attached to Final Control Device	Booth, piping, etc. — used to contain and control overspray	100%
B-10	Air	Paint Gun Cleaner	A cleaner that uses solvents to clean paint spray guns	90%
B-11	Air/ Water	Preparation Room	A room designed for mixing paint, cleaning tools, and preparation operations	90%
B-12	Air	High Velocity/Low Volume or High Volume/Low Pressure Paint Gun	A gun that sprays low volume of paint at a higher pressure	70%
B-13	Air	Perchloroethylene (Perc) Closed-Loop Dry Cleaning Machines	A cleaning unit that eliminates hazardous air pollutants	60%
B-14	Air	Cartridge and Spin Disc Filtration Systems	A control device used to lessen emissions of VOC for naphtha cleaning systems	40%
B-15	Air	Petroleum Dry-to-Dry Cleaning Machines	Cleaning system for naphtha cleaners that eliminates VOC emissions to the atmosphere	60%
B-16	Air	Petroleum Reclaimers	A unit used to collect VOC emissions in the drying process	60%

No.	Media	Equipment	Description	Percent
B-17	Air	Process Equipment Room Enclosure Costs	A closed structure design to control hazardous air pollutants in the dry cleaning industries	100%
B-18	Air	Refrigerated Vapor Condenser	A device that uses refrigerants to condense vapors to liquids	90%
B-19	Air	Stage II Vapor Recovery	Piping, hoses, dispensing unit, processing unit, nozzles, pumps, etc. — used to control gasoline emissions from filling tanks	50%
B-20	Water	Cathodic or Corrosion Protection Equipment	A system designed to protect underground metallic components, e.g., tanks and piping, from corrosion	100%
B-21	Air	Burr/Trash Hopper	A storage device used to hold gin trash in an enclosure until removed from the property	100%
B-22	Air	Auger-type Stacking System	A mechanical system that stacks gin trash in piles until hauled away	100%
B-23	Water	Stormwater Containment Systems for Agricultural Businesses	Structures or liners used for containment of runoff from rainfall	100%
B-24	Water	Wastewater Impoundments for Agricultural Businesses	Ponds used for the collection of water after use and before circulation	100%
B-25	Water	Stationary Spill Containment Devices	A system installed to prevent spilled materials from seeping into groundwater	100%
B-26	Water	Dry Cleaning Wastewater Processors/Evaporators	Wastewater separation or collection system for dry cleaners and industrial laundries	100%
B-27	Air	Blast Cleaning Booth Vented to Control Device	Enclosed cabinet for blast cleaning of metal parts that includes a particulate control device	50%
B-28	Air	Solvent Recovery Systems	Distillation recycling system that vaporizes and recondenses waste solvents and paints to remove hazardous contaminants	100%